In this talk we address a bit of the history of assessment by the Department of Mathematics at Shippensburg University, with an emphasis on the present status of that effort. Included in the talk are some lessons we have learned, both from our successes and from our failures. A major emphasis is our gradual movement to an all-encompassing framework for assessment, but with varying strategies for differing audiences: math majors; general education students in a large variety of different courses; and developmental students. We focus also on the interface between our general assessment plan for math majors and our more broad-based assessment for math education majors, developed in conjunction with a recent NCATE review. (Received September 15, 2008)